

60 inch Telescope Log  
 Observer: CALKINS  
 PI: AN, Kitchner, Beag  
 Spectrograph: FAST  
 Grating: 300X  
 Date: 3/1/00  
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Number	Object	H A	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BEARS				0s	
21-30	FLAT				6s	
31-40	BEARS				0.5s	
41-50	FLAT				12s	
51, 52	Hiltner 600	6 45	2 08	#56	1m	
53	comp			↑		
54, 55	Hiltner 600	6 45	2 08	#56	1m	
56	comp			↑		
57, 58	Hiltner 600	6 45	2 08	#56	1m	PA = -30
59	comp			↑		
60	AGK2p14783	7 20	14 54	#57	5s	
61	comp			↑		
62	AGK2p14783	7 20	14 54	#57	5m	
63	comp			↑		
64	SN199em	4 41	-2 51	#72	10m	PA = 21°
65	comp			↑		
66	022251p5701	2 23	57 01	#83	17m	PA = 0° to isolate
67	comp			↑		
68	022253p5702	2 22	57 06	#83	15m	
69	comp			↑		
70	022257p5701	2 22	57 01	#83	15m	
71	comp			↑		
72	022322p5711	2 22	57 11	#83	17m	
73	comp			↑		
74	022327p5705	2 23	57 05	#83	18m	
75	comp			↑		
76	022310p5708	2 23	57 08	#83	15m	Row 85
77	comp			↑		
78	gus01640109	5 34	-1 46	#112	12m	

68 //h

72 - several stars on slit -  
 extracted object near center

60 inch Telescope Log

Observer: Calkins

PI: Calvet, Rines, Geller

Spectrograph: FAST

Grating: 500L

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Date: 3/1/00

Number	Object	R A	Dec.	L/H	Exp	Comments
79	comp			↑		
80	gusolb41171	5 26	-2 01	#112	10m	seeing terrible
81	comp			↑		
82	gusolb41258	5 26	-1 43	#112	10m	Row 87
83	comp			↑		
84	gusolb59282	5 36	-1 29	#112	12m	PA = 100° to isolate
85	comp			↑		Row 86
86	gusolb59926	5 36	-1 35	#112	15m	
87	comp			↑		
88	gusolb52712	5 38	-0 45	#112	17m	PA = 39° to isolate
89	comp			↑		
90	gusolb42960	5 38	-2 12	#112	13m	
91	comp			↑		
92	gusolb62443	5 40	-1 34	#112	20m	PA = 71° to isolate
93	comp			↑		
94	5766-236	7 21	55 45	#64	17m	
95	comp			↑		
96	-237	7 15	57 04	#64	15m	Row 86
97	comp			↑		
98	-238	7 11	54 22	#64	20m	PA = 0° to get more of gal into slit
99	comp			↑		
100	-194	7 14	57 07	#64	20m	
101	comp			↑		
102	-188	7 25	55 19	#64	20m	
103	comp			↑		
104	-180	7 26	57 10	#64	20m	
105	comp			↑		
106	-182	7 27	54 58	#64	20m	← last one should have skipped.
107	comp			↑		
108	152212p46A..A	15 23	46 35	#113	14m	

94 - either a star or superposed star.  
 If H $\alpha$  em is real (no other em lines) REDO  
 then have a superposed star.

60 inch Telescope log  
 Observer: CALYSON  
 PI: Geller, Kirshner

Spectrograph: FAST  
 Grating: 300L  
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
109	comp			↑		
110	152212...B	15 24	46 33	#113	20m	PA=30° - Major axis
111	comp			↑		
112, 113	<del>152212...A</del>	15 25	49 50	#113	15m	A=row 118, B=row 54 PA=90°
114	comp			↑		
115	<del>152212...A</del>	15 25	8 52	#113	18m	A=row 125, B=row 40 PA=95°
116	comp			↑		
117	155512...A	15 57	15 52	#113	8m	
118	comp			↑		
119	155512...B	15 57	15 52	#113	16m	
120	comp			↑		
121	161600...A	16 17	46 05	#113	12m	PA=110°, major axis
122	comp			↑		
123	161600...B	16 17	46 05	#113	14m	PA=110° to isolate
124	comp			↑		
125, 126	154442...b	15 46	17 52	#113	12m	
127	comp			↑		
128	5006389	17 32	16 24	#2	20m	PA=-52
129	comp			↑		
130	160112...C	16 03	20 57	#113	15m	clouds at sunrise
131	comp			↑		
132-136	sky			#57	2s	Will redo file 130 - etc insufficient for project
137	comp			↑		
138-147	BIAS				0s	
148-157	FLAT				6s	
158-167	BIAS				0s	
168-177	FLAT				12s	
178-187	DARK				15m	